

● PRINTER RUSH ●
(PTO ASSISTANCE)

IFW

Application : <u>89/16 9496</u>	Examiner : <u>BUGAISKY</u>	GAU : <u>1456</u>
From: <u>OT</u>	Location: <u>IDC</u> FMF FDC	Date: <u>1-12-06</u>
Tracking #: <u>1004848</u>		Week Date: <u>10-0-05</u>

DOC CODE	DOC DATE	MISCELLANEOUS
<input type="checkbox"/> 1449	_____	<input type="checkbox"/> Continuing Data
<input type="checkbox"/> IDS	_____	<input type="checkbox"/> Foreign Priority
<input type="checkbox"/> CLM	_____	<input type="checkbox"/> Document Legibility
<input type="checkbox"/> IIFW	_____	<input type="checkbox"/> Fees
<input type="checkbox"/> SRFW	_____	<input checked="" type="checkbox"/> Other <u>ABSTRACT</u>
<input type="checkbox"/> DRW	_____	
<input type="checkbox"/> OATH	_____	
<input type="checkbox"/> 312	_____	
<input type="checkbox"/> SPEC	_____	

[RUSH] MESSAGE: PLEASE provide ABSTRACT.
None in file.

THANK you

[XRUSH] RESPONSE:

Done

INITIALS: [Signature]

NOTE: This form will be included as part of the official USPTO record, with the Response document coded as XRUSH.
REV 10/04

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FACSIMILE TRANSMITTAL SHEET

DATE: January 17, 2006
TO: Ms. Rorey Birch
FAX NO.: 703-308-6642
TEL. NO.: 703-305-0333, ext. 135
FROM: Jeffrey L. Ihnen
OUR REF: 2314-175
YOUR REF: 09/469,494

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Number of Pages Including This Transmittal Sheet: 2

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MESSAGE, IF ANY:

Abstract

Substantially pure conotoxins are provided which inhibit synaptic transmissions at the neuromuscular junctions and which are useful both in vivo and in assays because they specifically target particular receptors, such as the acetylcholine receptor, and ion channels. The peptides are of such length that they can be made by chemical synthesis. They also may be made using recombinant DNA techniques, and the DNA encoding such conotoxins having pesticidal properties can be incorporated as plant defense genes into plant species of interest.